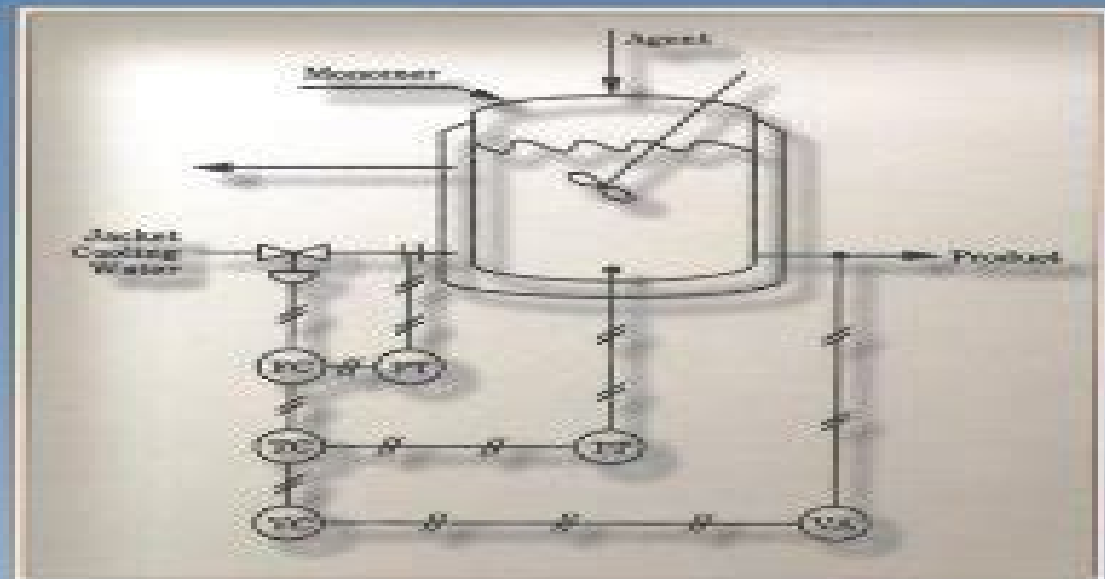


# Process Dynamics, Modeling, and Control



Babatunde A. Ogunnaike  
W. Harmon Ray

# Process Dynamics Modeling And Control Ogunnaike Solutions

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**Journal of Engineering for Gas Turbines and Power**, 2008

*Process Control and Management* P.L. Lee, R.B. Newell, I.T. Cameron, 1998 The purpose of this book is to provide a balanced introduction to process control and management aimed at the general process engineer Rapid changes have

occurred in process control over the past decade mainly because of the deployment of robust and effective digital control equipment and the development of the models which underpin the area. Historically process control was seen as simply the maintenance of particular process variables at appropriate setpoints. This very narrow view has been superseded by the view that process control involves the regulation of any given process in the context of a complete processing plant to maximise the economic return from the plant. This wider definition brings into play a range of control regimes from basic regulatory control through advanced regulatory control to complex process management. The organization of the book reflects this hierarchy and is thus split into 3 parts covering basic regulatory control, advanced process control and finally process management. The book is completed by the inclusion of several useful appendices covering mathematical modelling, process optimisation and simulation.

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